

=> d hist full

(FILE 'HOME' ENTERED AT 15:36:57 ON 20 OCT 2006)

FILE 'REGISTRY' ENTERED AT 15:37:11 ON 20 OCT 2006

```
      SET LINE 250
      SET DETAIL OFF
      E "CHICAGO SKY BLUE 6B"/CN 25
      SET NOTICE 1000 SEARCH
L1      1 SEA ABB=ON  PLU=ON  "CHICAGO SKY BLUE 6B"/CN
      SET NOTICE 1 DISPLAY
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L1 1 SQIDE
      SET NOTICE LOGIN DISPLAY
      SET NOTICE LOGIN SEARCH
      SET LINE 250
      SET DETAIL OFF
      E "EVANS BLUE"/CN 25
      SET NOTICE 1000 SEARCH
L2      1 SEA ABB=ON  PLU=ON  "EVANS BLUE"/CN
      SET NOTICE 1 DISPLAY
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L2 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "EVANS BLUE"/CN 25
      E "DIRECT BLUE 15"/CN 25
L3      1 SEA ABB=ON  PLU=ON  "DIRECT BLUE 15"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L3 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "DIRECT BLUE 15"/CN 25
      E "TRYPAN BLUE"/CN 25
L4      1 SEA ABB=ON  PLU=ON  "TRYPAN BLUE"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L4 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "TRYPAN BLUE"/CN 25
      E "BENZOPURPURIN 4B"/CN 25
L5      1 SEA ABB=ON  PLU=ON  "BENZOPURPURIN 4B"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L5 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "BENZOPURPURIN 4B"/CN 25
      E "CONGO RED"/CN 25
L6      1 SEA ABB=ON  PLU=ON  "CONGO RED"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L6 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "CONGO RED"/CN 25
      E "RHODAMINE B"/CN 25
L7      1 SEA ABB=ON  PLU=ON  "RHODAMINE B"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
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DIS L7 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE B"/CN 25
E "RHODAMINE B BASE"/CN 25
L8      1 SEA ABB=ON  PLU=ON  "RHODAMINE B BASE"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L8 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE B BASE"/CN 25
E "RHODAMINE 123 HYDRATE"/CN 25
L9      1 SEA ABB=ON  PLU=ON  "RHODAMINE 123"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L9 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE 123 HYDRATE"/CN 25
E "RHODAMINE 6G"/CN 25
L10     1 SEA ABB=ON  PLU=ON  "RHODAMINE 6G"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L10 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE 6G"/CN 25
E "RHODAMINE 110"/CN 25
L11     1 SEA ABB=ON  PLU=ON  "RHODAMINE 110"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L11 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE 110"/CN 25
E "RHODAMINE 575"/CN 25
L12     1 SEA ABB=ON  PLU=ON  "RHODAMINE 575"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L12 1 SQIDE
SET NOTICE LOGIN DISPLAY
SET NOTICE LOGIN SEARCH
L13     0 SEA ABB=ON  PLU=ON  81-88-9/ANST

FILE 'CAPLUS' ENTERED AT 15:50:31 ON 20 OCT 2006
L14     1351 SEA ABB=ON  PLU=ON  81-88-9/ANST
L15     84 SEA ABB=ON  PLU=ON  L14 AND (HYDROXIDE OR ALKAL?)
L16     8 SEA ABB=ON  PLU=ON  L15 AND STAIN?
L17     3 SEA ABB=ON  PLU=ON  L16 AND (BACTERI? OR MICROORG? OR FUNG?)
D L17 IBIB ABS 1-3

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FILE 'REGISTRY' ENTERED AT 15:53:39 ON 20 OCT 2006  
E 81-88-9

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L18     1 SEA ABB=ON  PLU=ON  81-88-9/RN

```

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:54:25 ON 20 OCT 2006  
SEA L18 AND (HYDROX? OR ALKAL?)

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```

0*  FILE ADISCTI
0*  FILE ADISINSIGHT

```

0\* FILE ADISNEWS  
 0\* FILE AGRICOLA  
 0\* FILE ANABSTR  
 0\* FILE ANTE  
 0\* FILE AQUALINE  
 0\* FILE AQUASCI  
 0\* FILE BIOENG  
 0\* FILE BIOSIS  
 0\* FILE BIOTECHABS  
 0\* FILE BIOTECHDS  
 0\* FILE BIOTECHNO  
 0\* FILE CABA  
 604 FILE CAPLUS  
 0\* FILE CEABA-VTB  
 0\* FILE CIN  
 0\* FILE CONFSCI  
 0\* FILE CROPB  
 0\* FILE DDFB  
 3 FILE DDFU  
 0\* FILE DGENE  
 0\* FILE DISSABS  
 0\* FILE DRUGB  
 0\* FILE DRUGMONOG2  
 4 FILE DRUGU  
 0\* FILE EMBAL  
 0\* FILE EMBASE  
 0\* FILE ESBIODBASE  
 0\* FILE FOMAD  
 0\* FILE FOREGE  
 0\* FILE FROSTI  
 0\* FILE FSTA  
 0\* FILE GENBANK  
 0\* FILE HEALSAFE  
 0\* FILE IFIPAT  
 0\* FILE IMSDRUGNEWS  
 0\* FILE IMSPRODUCT  
 0\* FILE IMSRESEARCH  
 0\* FILE JICST-EPLUS  
 0\* FILE KOSMET  
 0\* FILE LIFESCI  
 0\* FILE MEDLINE  
 0\* FILE NTIS  
 0\* FILE NUTRACEUT  
 0\* FILE OCEAN  
 0\* FILE PASCAL  
 0\* FILE PCTGEN  
 0\* FILE PHARMAML  
 0\* FILE PHIC  
 0\* FILE PHIN  
 0\* FILE PROMT  
 0\* FILE PROUSDDR  
 0\* FILE RDISCLOSURE  
 0\* FILE SCISEARCH  
 0\* FILE SYNTHLINE  
 0\* FILE TOXCENTER  
 653 FILE USPATFULL  
 63 FILE USPAT2  
 0\* FILE VETB  
 1 FILE VETU  
 0\* FILE WATER  
 0\* FILE WPIDS  
 0\* FILE WPIFV  
 0\* FILE WPINDEX

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D RANK  
SEA L19 AND STAIN?  
-----

0\* FILE ADISCTI  
0\* FILE ADISINSIGHT  
0\* FILE ADISNEWS  
0\* FILE AGRICOLA  
0\* FILE ANABSTR  
0\* FILE ANTE  
0\* FILE AQUALINE  
0\* FILE AQUASCI  
0\* FILE BIOENG  
0\* FILE BIOSIS  
0\* FILE BIOTECHABS  
0\* FILE BIOTECHDS  
0\* FILE BIOTECHNO  
0\* FILE CABA  
21 FILE CAPLUS  
0\* FILE CEABA-VTB  
0\* FILE CIN  
0\* FILE CONFSCI  
0\* FILE CROPB  
0\* FILE DDFB  
0\* FILE DGENE  
0\* FILE DISSABS  
0\* FILE DRUGB  
0\* FILE DRUGMONOG2  
0\* FILE EMBAL  
0\* FILE EMBASE  
0\* FILE ESBIODBASE  
0\* FILE FOMAD  
0\* FILE FOREGE  
0\* FILE FROSTI  
0\* FILE FSTA  
0\* FILE GENBANK  
0\* FILE HEALSAFE  
0\* FILE IFIPAT  
0\* FILE IMSDRUGNEWS  
0\* FILE IMSPRODUCT  
0\* FILE IMSRESEARCH  
0\* FILE JICST-EPLUS  
0\* FILE KOSMET  
0\* FILE LIFESCI  
0\* FILE MEDLINE  
0\* FILE NTIS  
0\* FILE NUTRACEUT  
0\* FILE OCEAN  
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0\* FILE SCISEARCH  
0\* FILE SYNTHLINE  
0\* FILE TOXCENTER  
226 FILE USPATFULL  
20 FILE USPAT2  
0\* FILE VETB  
1 FILE VETU  
0\* FILE WATER

L20

0\* FILE WPIDS  
0\* FILE WPIFV  
0\* FILE WPINDEX  
QUE ABB=ON PLU=ON L19 AND STAIN?

-----  
SEA L20 AND (BACTERI? OR MICROORG? OR FUNG?)  
-----

0\* FILE ADISCTI  
0\* FILE ADISINSIGHT  
0\* FILE ADISNEWS  
0\* FILE AGRICOLA  
0\* FILE ANABSTR  
0\* FILE ANTE  
0\* FILE AQUALINE  
0\* FILE AQUASCI  
0\* FILE BIOENG  
0\* FILE BIOSIS  
0\* FILE BIOTECHABS  
0\* FILE BIOTECHDS  
0\* FILE BIOTECHNO  
0\* FILE CABA  
5 FILE CAPLUS  
0\* FILE CEABA-VTB  
0\* FILE CIN  
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0\* FILE DDFB  
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0\* FILE PROUSDDR  
0\* FILE RDISCLOSURE  
0\* FILE SCISEARCH  
0\* FILE SYNTHLINE  
0\* FILE TOXCENTER  
96 FILE USPATFULL  
10 FILE USPAT2

0\* FILE VETB  
1 FILE VETU  
0\* FILE WATER  
0\* FILE WPIDS  
0\* FILE WPIFV  
0\* FILE WPINDEX

L21 QUE ABB=ON PLU=ON L20 AND (BACTERI? OR MICROORG? OR FUNG?)

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D RANK

FILE 'USPAT2, CAPLUS, VETU' ENTERED AT 16:02:59 ON 20 OCT 2006

L22 16 SEA ABB=ON PLU=ON L21

L23 15 DUP REM L22 (1 DUPLICATE REMOVED)  
D L23 IBIB ABS 1-15

FILE HOME

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 2610-05-1 REGISTRY  
CN 1,3-Naphthalenedisulfonic acid, 6,6'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Blue 1, tetrasodium salt (8CI)  
CN Chicago Blue 6B (6CI)

OTHER NAMES:

CN Airedale Blue FFD  
CN Amanil Sky Blue 6B  
CN Amanil Sky Blue FF  
CN Atlantic Resin Fast Blue LLGG  
CN Atlantic Sky Blue 6B  
CN Atlantic Sky Blue FF  
CN Atul Direct Sky Blue FB  
CN Azine Brilliant Blue 6B  
CN Azocard Blue 6B  
CN Belamine Sky Blue FF  
CN Benzanil Sky Blue FF  
CN Benzo Brilliant Blue 6BS  
CN Brasilamina Sky Blue 6B  
CN Brilliant Benzo Blue  
CN Brilliant Benzo Blue 6BA-CF  
CN Brilliant blue 6B  
CN C.I. 24410  
CN C.I. Direct Blue 1  
CN Calcodur Blue 6GFL  
CN Calcodur Resin Fast Blue 6G  
CN Calcomine Sky Blue FF  
CN Chicago Blue  
CN Chicago Sky Blue  
CN Chicago Sky Blue 6B  
CN Chloramine Sky Blue FF  
CN Chlorantine Fast Blue B 5GL  
CN Chlorazol Sky Blue FF  
CN Chrome Leather Sky Blue GS  
CN Cresotine Blue 6B  
CN Diacotton Sky Blue 6B  
CN Diaphtamine Blue BS  
CN Diazine Sky Blue FF  
CN Diazol Pure Blue 6B  
CN Diphenyl Brilliant Blue FF  
CN Direct Azure Blue 6B  
CN Direct Blue 1  
CN Direct Blue 6B  
CN Direct Blue 6BS  
CN Direct Blue FF  
CN Direct Bright Blue  
CN Direct Brilliant Blue FF  
CN Direct Brilliant Blue MFF  
CN Direct Brilliant Sky Blue 6B  
CN Direct Pure Blue 6B  
CN Direct Pure Blue FF  
CN Direct Pure Sky Blue  
CN Direct Sky Blue 6B  
CN Direct Sky Blue 6BS

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

DR 755040-57-4

MF C34 H28 N6 O16 S4 . 4 Na

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB\*,

IFICDB, IFIPAT, IFIUDB, MEDLINE, PIRA, PROMT, RTECS\*, SPECINFO,  
TOXCENTER, USPAT2, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Journal; Patent; Report

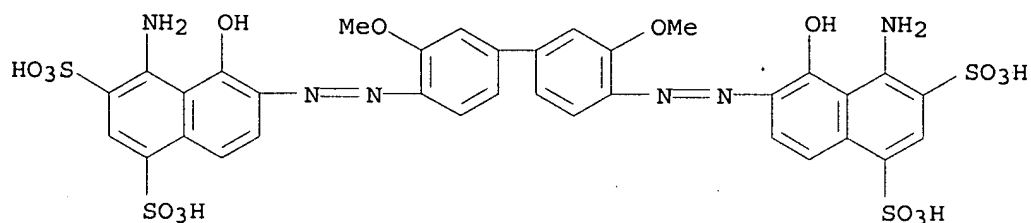
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
study); BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP  
(Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in  
record)

RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological  
study); PRP (Properties); USES (Uses)

CRN (3841-14-3)



● 4 Na

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

475 REFERENCES IN FILE CA (1907 TO DATE)

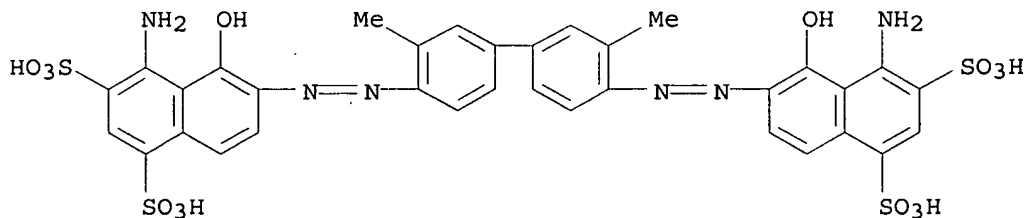
6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

475 REFERENCES IN FILE CAPLUS (1907 TO DATE)

45 REFERENCES IN FILE CAOLD (PRIOR TO 1967)



L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 314-13-6 REGISTRY  
 CN 1,3-Naphthalenedisulfonic acid, 6,6'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Azovan Blue (6CI)  
 CN C.I. Direct Blue 53, tetrasodium salt (8CI)  
 OTHER NAMES:  
 CN 4,4'-Bis[7-(1-amino-8-hydroxy-2,4-disulfo)naphthylazo]-3,3'-bitolyl tetrasodium salt  
 CN C.I. 23860  
 CN C.I. Direct Blue 53  
 CN Diazol Pure Blue BF  
 CN Direct Blue 53  
 CN Evan's Blue  
 CN Evans Blue  
 CN T 1824  
 DR 179472-53-8  
 MF C34 H28 N6 O14 S4 . 4 Na  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, PIRA, RTECS\*, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL, VETU  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 CRN (6968-33-8)



● 4 Na

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

667 REFERENCES IN FILE CA (1907 TO DATE)

23 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
669 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
25 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 2429-74-5 REGISTRY  
CN 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Blue 15 (8CI)  
CN Direct Sky Blue (6CI)

OTHER NAMES:

CN Airedale Blue D  
CN Aizen Direct Sky Blue 5B  
CN Aizen Direct Sky Blue 5BH  
CN Amanil Sky Blue  
CN Atlantic Sky Blue A  
CN Atul Direct Sky Blue  
CN Azine Sky Blue 5B  
CN Belamine Sky Blue A  
CN Benzanil Sky Blue  
CN Benzo Sky Blue A-CF  
CN Benzo Sky Blue S  
CN C.I. 24400  
CN Cartasol Blue 2GF  
CN Chloramine Sky Blue 4B  
CN Chloramine Sky Blue A  
CN Chrome Leather Pure Blue  
CN Cresotine Pure Blue  
CN Diacotton Sky Blue 5B  
CN Diamine Blue 6B  
CN Diamine Sky Blue  
CN Diaphtamine Pure Blue  
CN Diazol Pure Blue 4B  
CN Diphenyl Brilliant Blue  
CN Diphenyl Sky Blue 6B  
CN Direct Blue 10G  
CN Direct Blue 15  
CN Direct Blue FFN  
CN Direct Blue FFN-B 15  
CN Direct Blue HH  
CN Direct Lake Blue 5B  
CN Direct Pure Blue  
CN Direct Pure Blue M  
CN Direct Sky Blue 5B  
CN Direct Sky Blue A  
CN Enianil Pure Blue AN  
CN Fenamin Sky Blue  
CN Hispamin Sky Blue 3B  
CN Kayafect Blue Y  
CN Kayaku Direct Sky Blue 5B  
CN Mitsui Direct Sky Blue 5B  
CN Naphtamine Blue 10G  
CN Niagara Blue 4B  
CN Niagara Sky Blue  
CN Nippon Direct Sky Blue  
CN Nippon Sky Blue  
CN Nitto Direct Sky Blue 5B  
CN Oxamine Sky Blue 5B  
CN Paper Blue S

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

DR 120146-64-7, 95032-75-0, 51568-94-6

MF C34 H28 N6 O16 S4 . 4 Na

CI COM

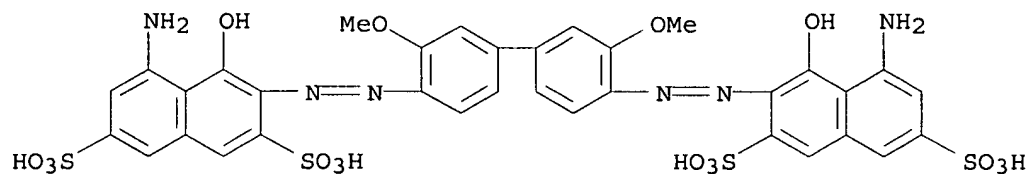
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, EMBASE, HSDB\*, IFICDB,

IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, PROMT, RTECS\*, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Journal; Patent; Report  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC  
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
NORL (No role in record)  
RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);  
USES (Uses)  
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
(Reactant or reagent); USES (Uses); NORL (No role in record)  
RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
study)  
CRN (16780-27-1)



● 4 Na

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

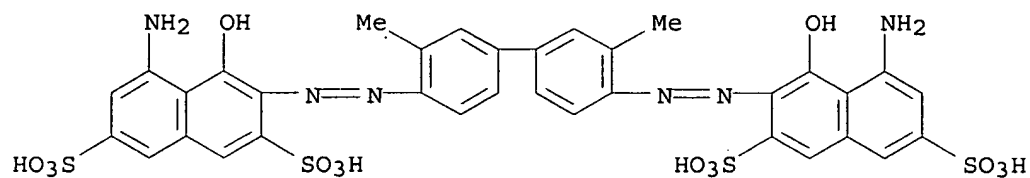
266 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
267 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
33 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 72-57-1 REGISTRY  
 CN 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN C.I. Direct Blue 14, tetrasodium salt (8CI)  
 CN Diphenyl Blue (6CI)  
 OTHER NAMES:  
 CN Amanil Sky Blue R  
 CN Bencidal Blue 3B  
 CN Benzamine blue  
 CN Benzanil Blue 3BN  
 CN Benzo blue  
 CN Benzo Blue 3BS  
 CN Blue 3B  
 CN Blue EMB  
 CN Brasilamina Blue 3B  
 CN C.I. 23850  
 CN C.I. Direct Blue 14  
 CN Chloramine Blue 3B  
 CN Chrome Leather Blue 3B  
 CN Congo blue  
 CN Cresotine Blue 3B  
 CN Diamine Blue 3B  
 CN Diamineblue  
 CN Diaphtamine Blue TH  
 CN Diazine Blue 3B  
 CN Diazol Blue 3B  
 CN Diphenyl Blue 3B  
 CN Direct Blue 14  
 CN Direct Blue 3B  
 CN Direct Blue M 3B  
 CN Hispamin Blue 3BX  
 CN Naphthylamine blue  
 CN Niagara Blue  
 CN Niagara Blue 3B  
 CN Paramine Blue 3B  
 CN Pontamine Blue 3BX  
 CN Sodium ditolyldisazobis-8-amino-1-naphthol-3,6-disulfonate  
 CN Trypan (Congo) Blue  
 CN Trypan blue  
 CN Trypan Blue BPC  
 CN Trypane blue  
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 MF C34 H28 N6 O14 S4 . 4 Na  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB\*, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS\*, SCISEARCH, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);

NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

CRN (2538-83-2)



●4 Na

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1145 REFERENCES IN FILE CA (1907 TO DATE)

14 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1149 REFERENCES IN FILE CAPLUS (1907 TO DATE)

43 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 992-59-6 REGISTRY  
 CN 1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-, disodium salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN C.I. Direct Red 2 (6CI)  
 CN C.I. Direct Red 2, disodium salt (8CI)  
 OTHER NAMES:  
 CN Amanil Purpurine 4B  
 CN Atul Direct Red 4B  
 CN Azamin 4B  
 CN Azocard Red 4B  
 CN Bencidal Purple 4B  
 CN Benzanil Purpurine 4B  
 CN Benzopurpurin 4B  
 CN Benzopurpurin B  
 CN Benzopurpurine 4B  
 CN Benzopurpurine 4BKX  
 CN Benzopurpurine 4BX  
 CN Brasilamina Red 4B  
 CN C.I. 23500  
 CN Calcomine Red 4BX  
 CN Chrome Leather Red 4B  
 CN Cotton Red 4B  
 CN Diacotton Benzopurpurine 4B  
 CN Diamine Purpurine 4B  
 CN Diaphtamine Purpurine 4B  
 CN Diazamine Purpurine 4B  
 CN Diazine Red 4B  
 CN Diazol Purpurine 4B  
 CN Diphenyl Red 4B  
 CN Diphenyl Red 4BS  
 CN Direct Purpurine 4B  
 CN Direct Purpurine M 4B  
 CN Direct Red 2  
 CN Direct Red 4A  
 CN Direct Red 4B  
 CN Direct Red DCB  
 CN Eclipse Red  
 CN Erie Benzo 4BP  
 CN Erie Red 4B  
 CN Fast Scarlet  
 CN Hispamin Red 4B  
 CN Kayaku Benzopurpurine 4B  
 CN Mitsui Benzopurpurine 4BX  
 CN Paper Red 4BS  
 CN Phenamine Purpurine 4B  
 CN Purpurin 4B  
 CN Purpurine 4B  
 CN Red 4B  
 CN Tertrodirect Red 4B  
 DR 70248-71-4, 179472-45-8  
 MF C34 H28 N6 O6 S2 . 2 Na  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK\*, MSDS-OHS, PIRA, PROMT, RTECS\*, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PROC (Process); PRP (Properties); USES (Uses); NORL

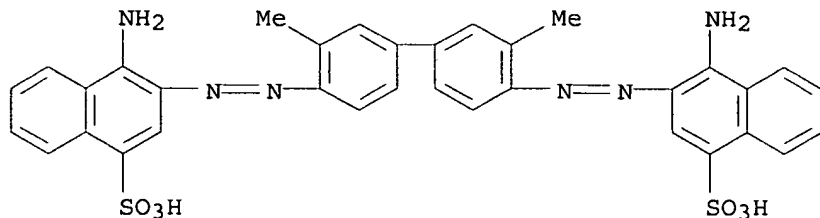
(No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); PREP (Preparation); PROC (Process); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); PREP (Preparation); PRP (Properties); USES (Uses)

CRN (1733-14-8)



●2 Na

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

335 REFERENCES IN FILE CA (1907 TO DATE)

10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

335 REFERENCES IN FILE CAPLUS (1907 TO DATE)

36 REFERENCES IN FILE CAOLD (PRIOR TO 1967)



L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 573-58-0 REGISTRY  
CN 1-Naphthalenesulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[4-amino-, disodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Red 28, disodium salt (8CI)

OTHER NAMES:

CN Atlantic Congo Red  
CN Atul Congo Red  
CN Azocard Red Congo  
CN Benzo Congo Red  
CN Brasilamina Congo 4B  
CN C.I. 22120  
CN C.I. Direct Red 28  
CN Congo red  
CN Congo Red 4B  
CN Congo Red 4BX  
CN Congo Red CR  
CN Congo Red H  
CN Congo Red K  
CN Congo Red L  
CN Congo Red M  
CN Congo Red N  
CN Congo Red R  
CN Congo Red RS  
CN Congo Red sodium salt  
CN Congo Red W  
CN Congo Red WS  
CN Cotton Red 4BC  
CN Cotton Red 5B  
CN Cotton Red L  
CN Diacotton Congo Red  
CN Direct Congo Red  
CN Direct Red 28  
CN Direct Red C  
CN Direct Red DC-CF  
CN Direct Red K  
CN Erie Congo 4B  
CN Haemomedical  
CN Haemonorm  
CN Hemorrhagyl  
CN Hispamin Congo 4B  
CN Kayaku Congo Red  
CN Mitsui Congo Red  
CN Peeramine Congo Red  
CN Red K  
CN Solucongo  
CN Sugai Congo Red  
CN Tertrodirect Red C  
CN Trisulfon Congo Red  
CN Vondacel Red CL

DR 550-08-3, 70248-72-5, 87440-95-7

MF C32 H24 N6 O6 S2 . 2 Na

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, PIRA, PROMT, RTECS\*, SCISEARCH, SPECINFO, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report

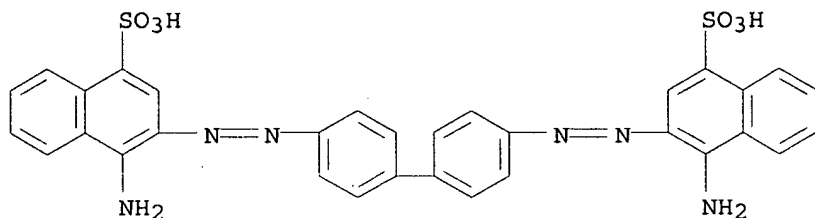
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

CRN (14684-01-6)



● 2 Na

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2202 REFERENCES IN FILE CA (1907 TO DATE)  
 72 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 2208 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 81-88-9 REGISTRY  
CN Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, chloride (9CI)  
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ammonium, [9-(o-carboxyphenyl)-6-(diethylamino)-3H-xanthen-3-ylidene]diethyl-, chloride (8CI)

OTHER NAMES:

CN 11411 Red  
CN ADC Rhodamine B  
CN Aizen Rhodamine B  
CN Aizen Rhodamine BH  
CN Aizen Rhodamine BHC  
CN Akiriku Rhodamine B  
CN Basazol Red 71P  
CN Basic Rose Extract  
CN Basic Rose Red  
CN Basic Violet 10  
CN Basonyl Red 540  
CN Basonyl Red 545  
CN Basonyl Red 545FL  
CN Brilliant Pink B  
CN C.I. 45170  
CN C.I. Basic Violet 10  
CN C.I. Food Red 15  
CN Calcozine Red BX  
CN Calcozine Rhodamine BXP  
CN Cerise Toner X 1127  
CN D and C Red No. 19  
CN D&C Red 19  
CN D&C Red No. 19  
CN Diabasic Rhodamine B  
CN Edicol Supra Rose B  
CN Edicol Supra Rose BS  
CN Eriosin Rhodamine B  
CN FD And C Red No. 19  
CN Flexo Red 540  
CN Hexacol Rhodamine B Extra  
CN Ikada Rhodamine B  
CN Japan Red 213  
CN Japan Red No. 213  
CN Mitsui Rhodamine BX  
CN OP 312  
CN Red No. 213  
CN Rheonine B  
CN Rhodamine 610 chloride  
CN Rhodamine B  
CN Rhodamine B 500  
CN Rhodamine B 500 hydrochloride  
CN Rhodamine B Extra  
CN Rhodamine B Extra M 310  
CN Rhodamine B Extra S  
CN Rhodamine BA  
CN Rhodamine BA Export  
CN Rhodamine BN  
CN Rhodamine BS  
CN Rhodamine BX

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
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DR 850856-47-2, 859039-47-7, 875572-56-8, 433215-26-0, 11111-29-8,  
53664-59-8, 3521-79-7, 105480-59-9, 69319-23-9, 86513-49-7, 86893-15-4,  
248928-56-5, 408346-58-7, 412909-17-2, 539821-35-7

MF C28 H31 N2 O3 . Cl

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, USPAT2, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report

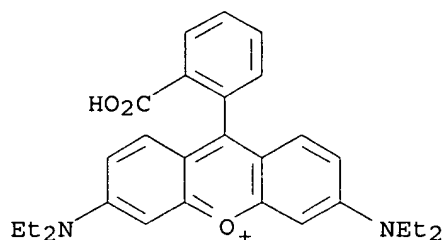
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

CRN (64381-98-2)



● Cl<sup>-</sup>

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

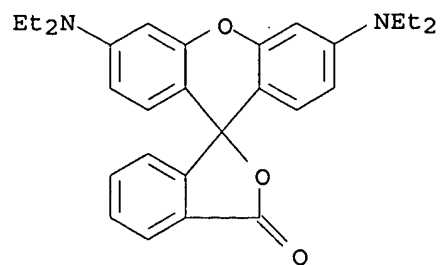
6183 REFERENCES IN FILE CA (1907 TO DATE)

393 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

6194 REFERENCES IN FILE CAPLUS (1907 TO DATE)

8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

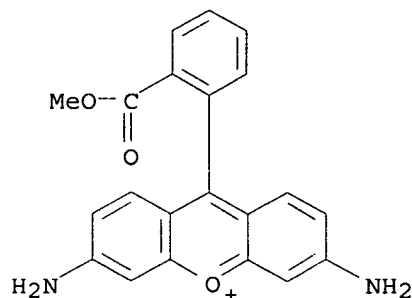
L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 509-34-2 REGISTRY  
 CN Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 3',6'-bis(diethylamino)-  
 (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN C.I. Solvent Red 49 (7CI)  
 CN Fluoran, 3',6'-bis(diethylamino)- (6CI, 8CI)  
 OTHER NAMES:  
 CN 3',6'-Bis(diethylamino)-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthene]  
 CN Aizen Rhodamine B Base  
 CN Aizen SOT Pink 1  
 CN Baso Red 546  
 CN Baso Red NB 546  
 CN Certiquial Rhodamine  
 CN Eljon Magenta Toner  
 CN Fast Oil Pink B  
 CN Lacquer Pink S  
 CN Neptune Red Base 543  
 CN Neptune Red Base NB 543LD  
 CN NSC 43944  
 CN Oil Pink 312  
 CN Oil Pink 330  
 CN Orient Oil Pink 312  
 CN Orient Pink 312  
 CN Rhodamine B base  
 CN Rhodamine B Base Extra  
 CN Rhodamine B Extra Base  
 CN Rhodamine B lactone  
 CN Rhodamine Base B  
 CN Rhodamine Base B Extra  
 CN Rhodamine Base FB  
 CN Rhodamine S (Russian), lactone  
 CN Rhodamine S lactone  
 CN Solvent Red 49  
 CN Waxoline Rhodamine B  
 CN Waxoline Rhodamine BS  
 DR 12262-50-9, 1326-02-9, 39277-78-6  
 MF C28 H30 N2 O3  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,  
 CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PIRA, SPECINFO, TOXCENTER,  
 USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);  
 USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
 (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
 study); PROC (Process); PRP (Properties)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

364 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
364 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 62669-70-9 REGISTRY  
 CN Xanthylium, 3,6-diamino-9-[2-(methoxycarbonyl)phenyl]-, chloride (9CI)  
 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Benzoic acid, 2-(6-amino-3-imino-3H-xanthen-9-yl)-, methyl ester,  
 monohydrochloride  
 OTHER NAMES:  
 CN R 22420  
 CN R 302  
 CN RH 123  
 CN Rhodamine 123  
 DR 108608-81-7, 140686-88-0  
 MF C21 H17 N2 O3 . Cl  
 CI COM  
 LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS,  
 BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DDFU,  
 DRUGU, EMBASE, IPA, MEDLINE, MSDS-OHS, PROMT, PROUSDDR, RTECS\*,  
 TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 FORM (Formation, nonpreparative); PROC (Process); PRP (Properties); RACT  
 (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
 study); BIOL (Biological study); PREP (Preparation); RACT (Reactant or  
 reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP  
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
 study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP  
 (Properties); USES (Uses)  
 CRN (104114-27-4)



● Cl<sup>-</sup>

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

809 REFERENCES IN FILE CA (1907 TO DATE)  
 26 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 813 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 989-38-8 REGISTRY  
 CN Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, chloride (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Benzoic acid, o-[6-(ethylamino)-3-(ethylimino)-2,7-dimethyl-3H-xanthen-9-yl]-, ethyl ester, monohydrochloride (8CI)  
 CN Rhodamine 6GCP (6CI)  
 OTHER NAMES:  
 CN Aizen Rhodamine 6GCP  
 CN Basic Red 1  
 CN Basonyl Red 482  
 CN Basonyl Red 483  
 CN C.I. 45160  
 CN C.I. Basic Red 1  
 CN Calcozine Red 6G  
 CN Calcozine Rhodamine 6GX  
 CN Eljon Pink Toner  
 CN Exciton 590  
 CN Fanal Pink B  
 CN Fanal Pink GFK  
 CN Fanal Red 25532  
 CN Flexo Red 482  
 CN Heliostable Brilliant Pink B extra  
 CN Mitsui Rhodamine 6GCP  
 CN NSC 36345  
 CN Nyco Liquid Red GF  
 CN R 634  
 CN R 6G  
 CN Rh 6G  
 CN Rhodamin 6G  
 CN Rhodamine 4GD  
 CN Rhodamine 4GH  
 CN Rhodamine 590 Chloride  
 CN Rhodamine 5GDN  
 CN Rhodamine 5GDN Extra  
 CN Rhodamine 5GL  
 CN Rhodamine 6G  
 CN Rhodamine 6G chloride  
 CN Rhodamine 6G Extra  
 CN Rhodamine 6G Extra Base  
 CN Rhodamine 6GB  
 CN Rhodamine 6GBN  
 CN Rhodamine 6GD  
 CN Rhodamine 6GDN  
 CN Rhodamine 6GDN Extra  
 CN Rhodamine 6GEx ethyl ester  
 CN Rhodamine 6GH  
 CN Rhodamine 6GO  
 CN Rhodamine 6GX  
 CN Rhodamine 6JH  
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 MF C28 H31 N2 O3 . Cl  
 CI COM



LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Preprint; Report

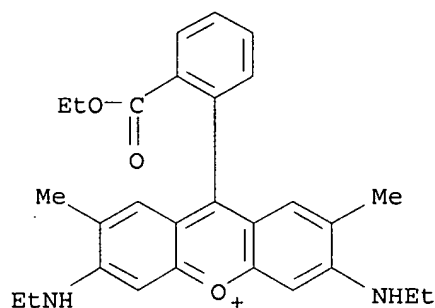
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

CRN (47724-48-1)

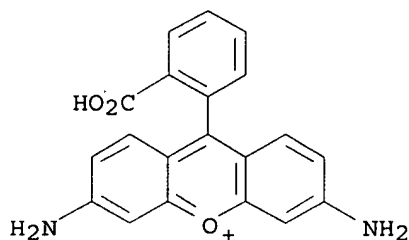


● Cl<sup>-</sup>

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

5927 REFERENCES IN FILE CA (1907 TO DATE)  
 129 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 5931 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 42 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 13558-31-1 REGISTRY  
 CN Xanthylium, 3,6-diamino-9-(2-carboxyphenyl)-, chloride (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Benzoic acid, 2-(6-amino-3-imino-3H-xanthen-9-yl)-, monohydrochloride  
 CN Benzoic acid, o-(6-amino-3-imino-3H-xanthen-9-yl)-, monohydrochloride (8CI)  
 OTHER NAMES:  
 CN R 110  
 CN RH 110  
 CN Rhodamine 110  
 CN Rhodamine 560  
 CN Rhodamine N  
 DR 859178-00-0, 126371-12-8, 53239-83-1, 98655-71-1, 114984-30-4, 75496-29-6, 150526-51-5, 86303-44-8, 202589-04-6  
 MF C20 H15 N2 O3 . Cl  
 CI COM  
 LC STN Files: ANABSTR, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN\*, MEDLINE, MSDS-OHS, PROMT, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 CRN (82182-00-1)



● Cl<sup>-</sup>

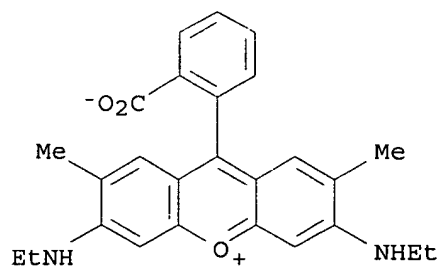
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

957 REFERENCES IN FILE CA (1907 TO DATE)

347 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

958 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 25152-49-2 REGISTRY  
 CN Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(ethylamino)-2,7-dimethyl-, inner salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Benzoic acid, o-[6-(ethylamino)-3-(ethylimino)-2,7-dimethyl-3H-xanthen-9-yl]- (8CI)  
 CN Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(ethylamino)-2,7-dimethyl-, hydroxide, inner salt  
 OTHER NAMES:  
 CN 9-(2-Carboxyphenyl)-2,7-dimethyl-3,6-bis(ethylamino)xanthylium  
 CN Rhodamine 19 zwitterion  
 CN Rhodamine 575  
 DR 127193-46-8, 71124-03-3  
 MF C26 H26 N2 O3  
 LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, MEDLINE, TOXCENTER, USPATFULL  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Journal; Patent  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PROC (Process); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PRP (Properties); USES (Uses)



28 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 28 REFERENCES IN FILE CAPLUS (1907 TO DATE)